

1/5

	10	20	30	40	50	60	
1	HHNGTNGTMMQYFEWYLPNDGNHWNRLRDDAANLKS	KGITAVWIPPAWK	QTSQNDVGYGA	60			
3	-AAPFNGTMMQYFEWYLPDDGTLWTKVANEANNLSSLG	ITALWLPPAYK	TSRSDVGYGV	59			
2	HHNGTNGTMMQYFEWHLNDGNHWNRLRDDASNLRN	RGITAIWIPPAWK	QTSQNDVGYGA	60			
4	HHNGTNGTMMQYFEWYLPNDGNHWNRLNSDASNLS	KGITAVWIPPAWK	GASQNDVGYGA	60			
	70	80	90	100	110	120	
1	YDLYDLGEFNQKGTVRTKYGTRNQLQAAVTS	LKNNGIQVYGDVVMNH	KGGADGTEIVNAV	120			
3	YDLYDLGEFNQKGTVRTKYGTKAQYLQAIQAAHA	AGMQVYADVVDH	KGGADGTEWVDAV	119			
2	YDLYDLGEFNQKGTVRTKYGTRSQLESAIHAL	KNNGVQVYGDVVMNH	KGGADATENVLAV	120			
4	YDLYDLGEFNQKGTVRTKYGTRSQLESAIHAL	KNNGIQVYGDVVMNH	KGGADATEMVRVAV	120			
	130	140	150	160	170	180	
1	EVNRSNRNQETSGEYAI	EAWTKFDFPGRGNH	SSFKWRWYHFDGTDWDQSR	QLQNKIYKF	180		
3	EVNPSDRNQEISGTYQI	QAWTKFDFPGRGNTY	SSFKWRWYHFDGVDWDESR	KLS-RIYKF	178		
2	EVNPNNRNQEISGDYTI	EAWTKFDFPGRGNTY	SDFKWRWYHFDGVDWDQSR	QFQNR	180		
4	EVNPNNRNQEVTEYTI	EAWTRFDFPGRGNTH	SSFKWRWYHFDGVDWDQSR	RRLNRIYKF	180		
	190	200	210	220	230	240	
1	RGTGKAWDWEVDTE	NGNYDYL	MYADVDM	DHPEVIHEL	RNWGVWYTTNTL	NLDGFRIDAVKH	240
3	RGIGKAWDWEVDTE	NGNYDYL	MYADLMD	HDPEVVT	ELKNGWKWYVNTT	NIDGFRIDAVKH	238
2	RGDGKAWDWEVDSE	NGNYDYL	MYADVDM	DHPEVVN	ELRRWGEWYTTNTL	NLDGFRIDAVKH	240
4	RGHGKAWDWEVDTE	NGNYDYL	MYADIDM	DHPEVVN	ELRNWGVWYTTNTL	GLDGFRI	240
	250	260	270	280	290	300	
1	IKYSFTRDWLTHVR	NTTGKPMFAVAE	FWKNDLGAIENY	LKTSWNHSAF	DVPLHYNLYNA	300	
3	IKFSFFPDWLSYVR	SQTGKPLFTVGEY	WSYDINKLHNYIT	KTDGTMSLFD	APLHNKFYTA	298	
2	IKYSFTRDWLTHVR	NATGKEMFAVAE	FWKNDLGAIENY	LKTNWNHSAF	DVPLHYNLYNA	300	
4	IKYSFTRDWLTHVR	NATGKEMFAVAE	FWKNDLGAIENY	LKTNWNHSAF	DVPLHYNLYNA	300	
	310	320	330	340	350	360	
1	SNSGGYDMRNI	LNGSVVQKHPT	HAVTFVDNHDSQ	PGEALSFVQ	QWFKPLAYALV	LTRE	360
3	SKSGGAFDMR	TLMTNTLMKDQ	PTLAVTFVDNH	DTEPGQALQ	SWDPWFKPLAY	AFILTRQ	358
2	SNSGGYDMRNI	LNKNGTVVQKH	PMHVAFTVDNH	DSQPGESLES	FVQWFKPLAY	ALILTRE	360
4	SKSGGNYDMRNI	FNKNGTVVQKH	PMHVAFTVDNH	DSQPEEALSF	VQWFKPLAY	ALTRE	360
	370	380	390	400	410	420	
1	QGYPSVFYGDYYG	IPTHGVPAMK	SKIDPLQARQT	FAYGTQHDY	FDHHDII	IGWTREGNSS	420
3	EGYPCVYFGDYYG	IPQYNIPSLK	SKIDPLLIARRD	YAYGTQHDY	LDHSDII	IGWTREGGTE	418
2	QGYPSVFYGDYYG	IPTHSVPAMK	AKIDPILEARQ	NFAYGTQHDY	FDHHDII	IGWTREGNTT	420
4	QGYPSVFYGDYYG	IPTHGVPAMR	SKIDPILEARQ	KYAYGQNDY	LDHHDII	IGWTREGNTA	420
	430	440	450	460	470	480	
1	HPNSGLATIMSDG	PGGNKWMYVGK	NKAGQVWRDIT	GNRTGTVTIN	ADGWGNFSVNG	GGSVS	480
3	KPGSGLAALITD	GPGSKWMYVGK	QHAGKVFDLT	GNRSDTVTIN	SDGWGEFKVNG	GGSVS	478
2	HPNSGLATIMSDG	PGGKWMYVGQ	NKAGQVWHDIT	GNKPGTVTIN	ADGWANFSVNG	GGSVS	480
4	HPNSGLATIMSDG	AGGSKWMFVGR	NKAGQVWSDIT	GNRTGTVTIN	ADGWGNFSVNG	GGSVS	480
	490	500	510	520	530	540	
1	VWVKQ						485
3	VWVPRKTTVSTI	ARPIITRPWTGE	FVRWTEPRLVAV				514
2	IWVKR						485
4	IWVVK						485

Fig. 1

2/5

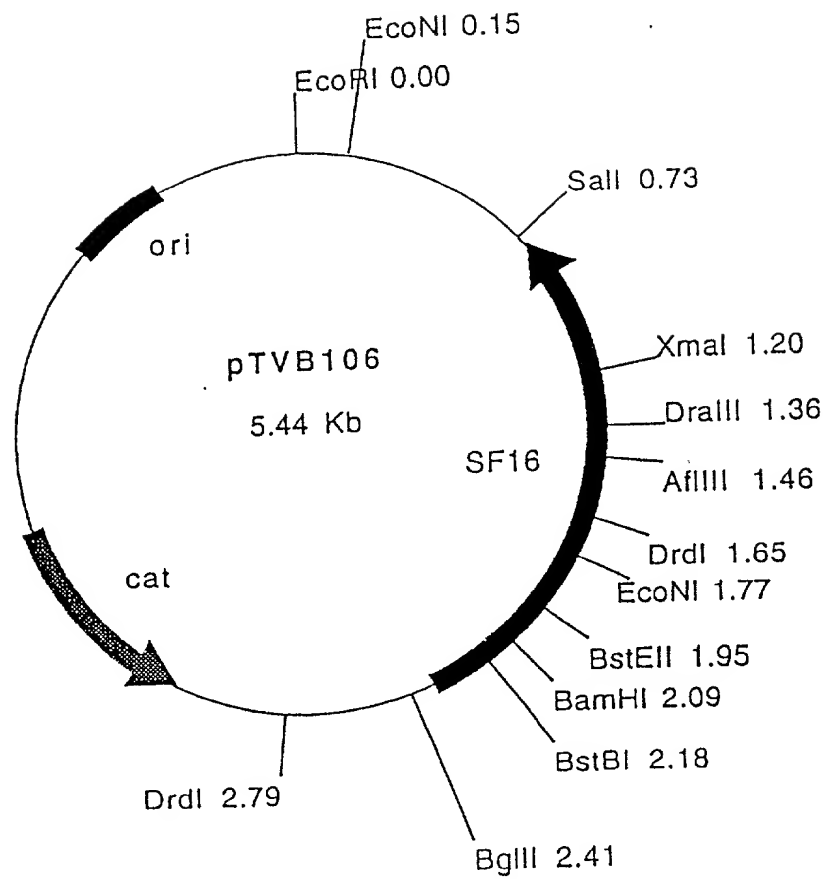


Fig. 2

3/5

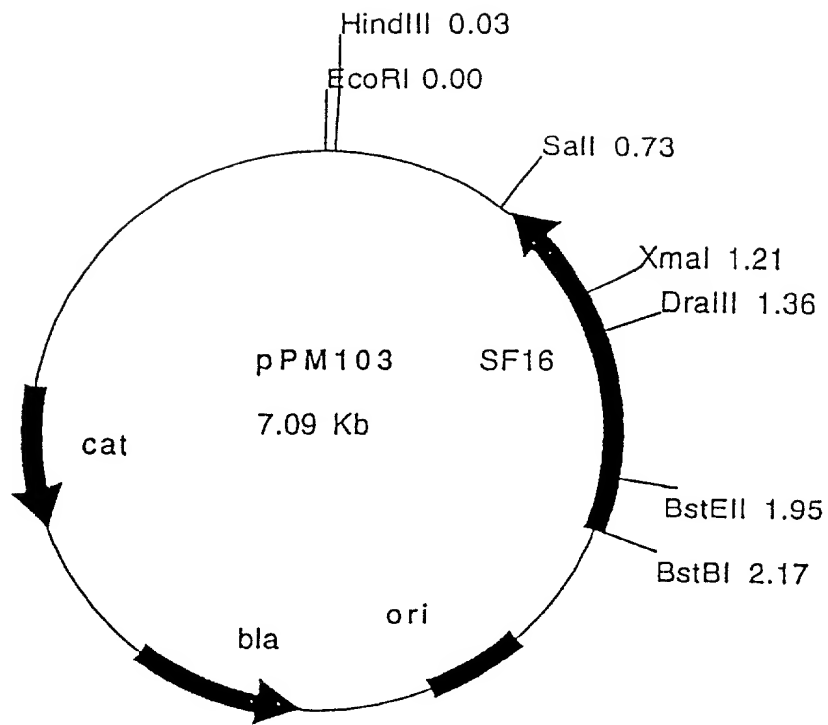


Fig. 3

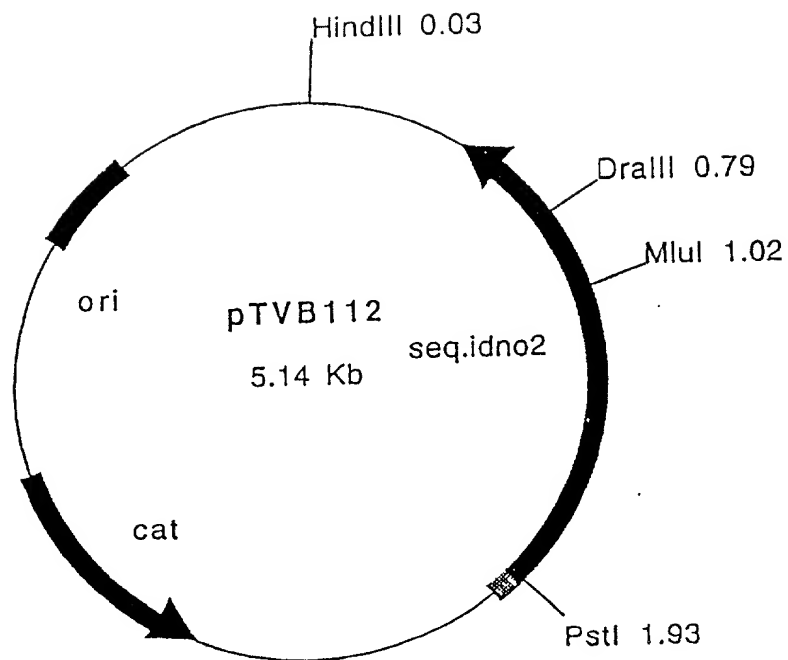


Fig. 4

100120" 88120650

5/5

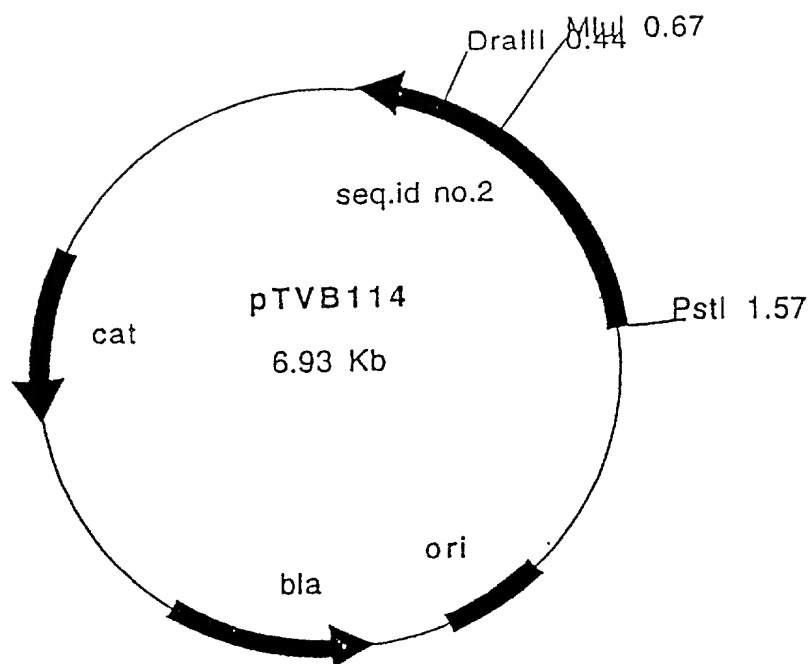


Fig. 5

09902189.071001  
T00120"88T20660